

AM-897 *A*

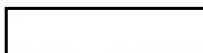
8 October 1963



25X1A

25X1A

TO:



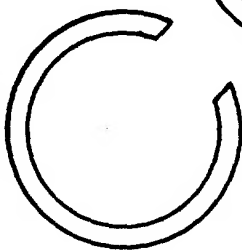
SUBJECT: Dual High Pressure Oxygen Gage

As a result of the conference held last month we are submitting two (2) copies of a proposed dual oxygen gage for your evaluation, P/N DN 222 02-1.

As you will note the gage face is shifted to provide better readability in the ranges where it is most necessary (i.e., first quarter of mission). Whereas the present gage is a direct reading instrument, this proposed system is an electrical unit, requiring a transmitter and an indicator as shown on the drawing.

Your comments on this matter will be appreciated.

Very truly yours,



25X1A

p

Attach.

25X1A

cc:



attachment  
attachment

Approved For Release 2002/07/30 : CIA-RDP75B00285R000300180007-3

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## NOTE:

1. ONE SYSTEM CONSISTS OF ONE INDICATOR DN 22220-3 AND TWO TRANSMITTERS DN 22220-5.

## 2. INDICATOR SPECIFICATIONS:

A - DIAL: ALL GRADE FIGURES, LETTERS, & TIPS OF POINTERS TO BE MATTE WHITE.

BACKGROUND TO BE FLAT BLACK.

RANGE MARKINGS: RED ARC 0-100 PSI, GREEN ARC 2000-3200 PSI.

B - SHOCK RESISTANCE: WHEN PROPERLY SHOCKMOUNTED 15G'S.

C - INDICATOR TO BE WHITE LIGHTED PER MIL-L-27160A.

D - OPERATING TEMPERATURE RANGE: -65° TO +160°F.

E - MATING CONNECTOR: 45-15H12-12P.

F - WEIGHT: 0.75 LB.

## 3. TRANSMITTER SPECIFICATIONS:

A - TRANSMITTER CONFORMS TO MIL-T-7743B.

B - OPERATING TEMPERATURE RANGE: -70° TO +250°F.

C - SHOCK RESISTANCE: WHEN PROPERLY SHOCKMOUNTED -15G'S.

D - MAXIMUM OPERATING PRESSURE: 5000 PSI.

E - PROOF PRESSURE: 7500 PSI.

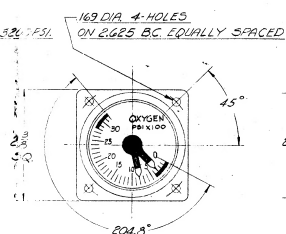
F - BURST TEST PRESSURE: 10,000 PSI.

G - ACCURACY: ± 30 PSI AT 2300 PSI.

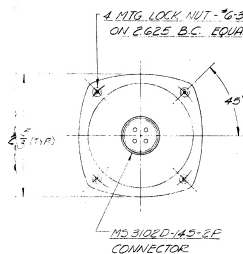
± 50 PSI AT ALL OTHER POINTS.

H - WEIGHT: 1.00 LB'S.

## 4. INDICATOR &amp; TRANSMITTERS SHALL BEAR NO MANUFACTURE'S TRADEMARK OR IDENTIFICATION WHATSOEVER.

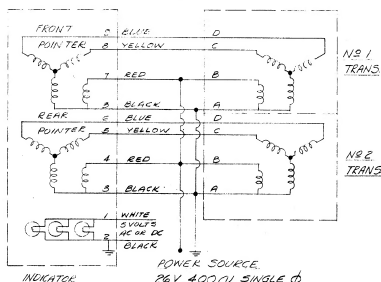
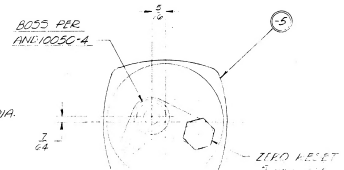
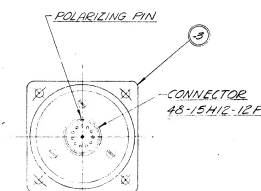


INDICATOR  
SEE NOTE 2



TRANSMITTER  
SEE NOTE 3

REVISIONS			
STA	DESCRIPTION	DATE	APPROVED



SYSTEM WIRING SCHEMATIC

QTY	PART OR IDENTIFYING NO.	NONCULATURE OR DESCRIPTION	CODE IDENT	MATERIAL OR NOTE	SPECIFICATION	UNIT WT
2	166422220-5	TRANSMITTER				
1	166422220-3	INDICATOR				
2	166422220-1	DUAL SYNCHRO SYSTEM				

UNLESS OTHERWISE NOTED:  
DIM. LINES ARE ANGLES: 1/16" 30° DEC 1:205  
FRACTIONS: 1/16"  
ALL DIMENSIONS BEFORE PLATING  
DIM. LINES ARE ON COORDINATE & UP TO A  
MAX. 1/16" DIA. DIA. MAX. FOR LARGER DIA.  
MACHINED FILLETS .000 TO .002 RADIUS  
REMOVE BURRS & BREAK SHARP EDGES  
R2 X .40" MAX OR .015 R MAX  
1/16" MACH. SURF. PER MIL-STD-130  
IDENTIFY PARTS PER MIL-STD-130 OR CUSTOMER  
REQUIREMENTS  
THIS DIM. & DESIGNATION SHALL BE INTERPRETED  
IN ALL DIMENSIONS WITH DIMENSION FOR A  
MILITARY RESPECTIVE  
CSK ALL THREADS 90° ± 10° TO MAJOR DIA.

DESIGNED BY  
ELECTRICAL  
WEIGHT  
STRESS  
CHECK  
APPROVAL  
RELEASE

DRAWING TITLE  
DUAL SYNCHRO SYSTEM  
0-3200 PSI  
166422220  
SCALE WEIGHT SHEET

OSA 5220-63

AM-888

30 September 1963

25X1A

25X1

SUBJECT: Delivery Info

Dear Harry:

Here is delivery information you requested.  
I hope it will suffice for what you want to present.

Very truly yours,

25X1A

p

Encl.

5- Total Reg

7

7

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+

[illegible]

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[illegible]

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[illegible]

A. Sandick 9/30

CONTRACT EC-8250  
(10 SHIPS)

Item #	Total Qty	Prior To Feb '62	Total Qty's Available For Use																			
			2-62	3-62	4-62	5-62	6-62	7-62	8-62	9-62	10-62	11-62	12-62	1-63	2-63	3-63	4-63	5-63	6-63	7-63	8-63	9-63
1 - Vehicle Hardware System	18	1	3	5	7						8	10	12	*					14	16	18	
289- Back Pack & Parachutes	35		2	-	-	-	-	-	-	-	-	4	6	-	-	12	7	-	11	-	14	20 26 30 35
3-5- Suit Assys w/ Hardware	36	5			6						10	12	13	-	19	23		24	29	31	33	2 suits have been ordered for replacement of Subject 289-
6 - SEAT PADS	15		2	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	11		15	
7 - MAINTENANCE VAN	1	1	Complete																			
8 - TRANSPORT VAN	1	1	Complete																			
* High Pressure Buttons & Hardware			BEING MODIFIED & SUPPLIED DURING THIS PERIOD																			

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